

24 JULY 2001
EXPRESS MAIL
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1/3 60980038-2

FIG. 1A

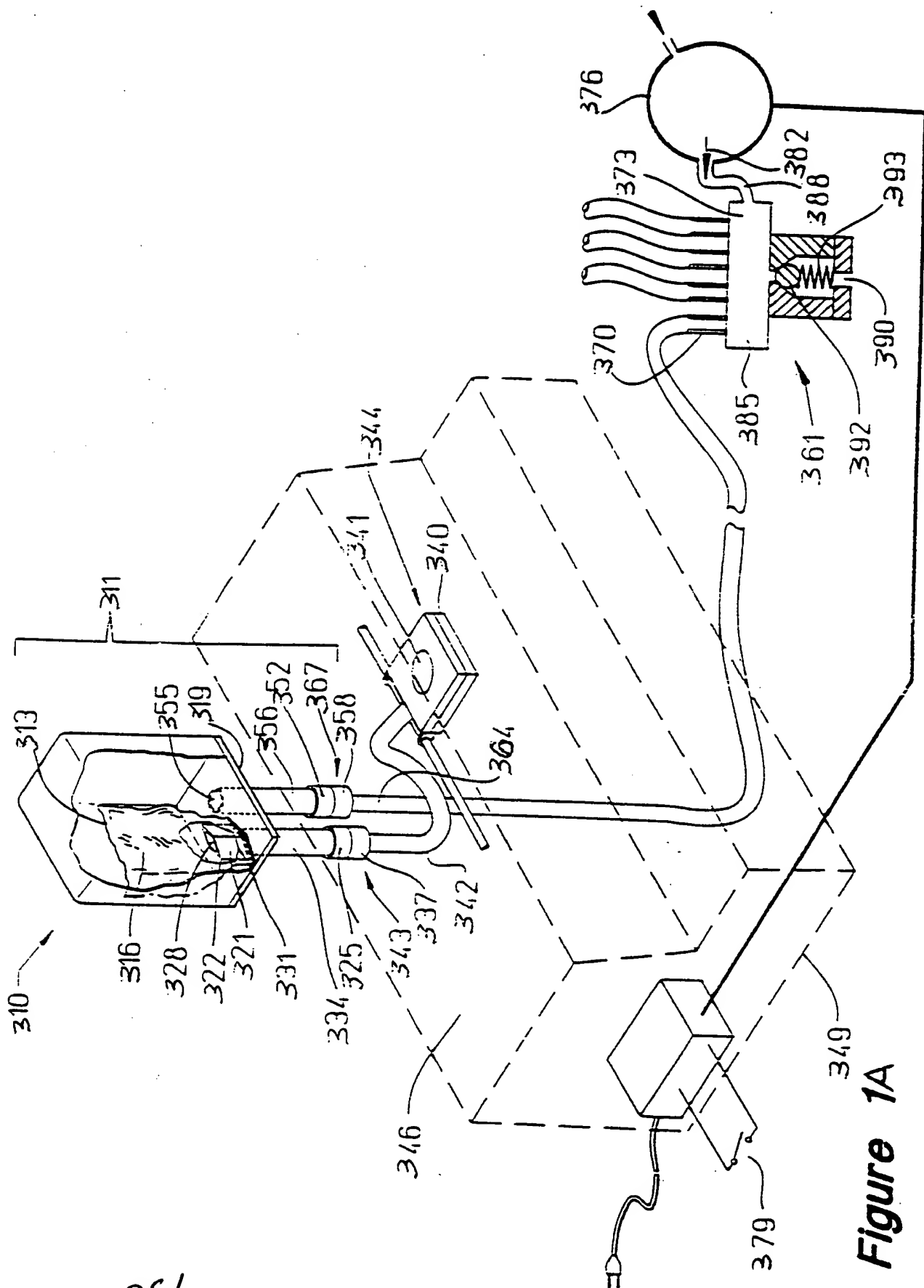


Figure 1A

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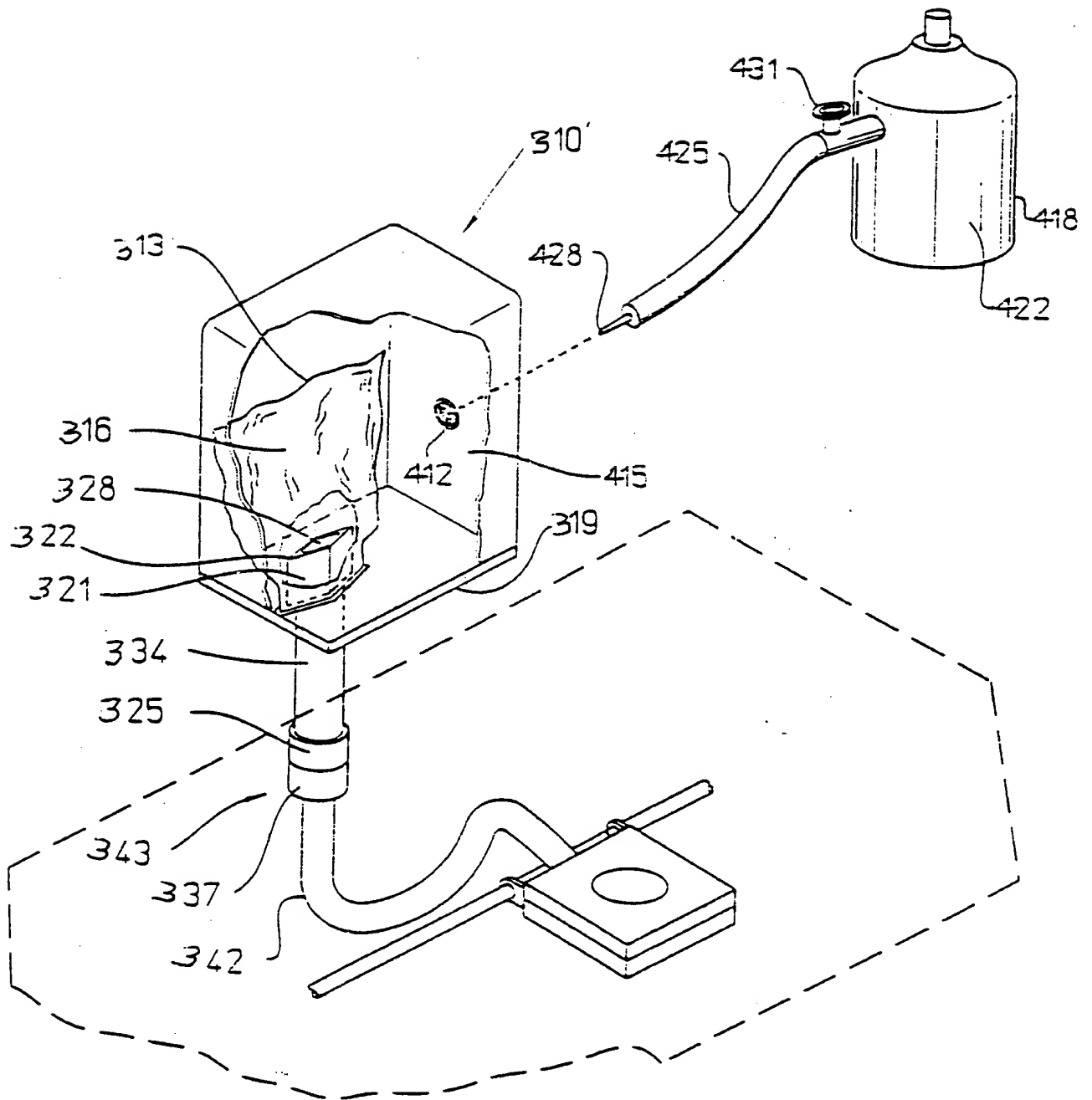


Figure 1B

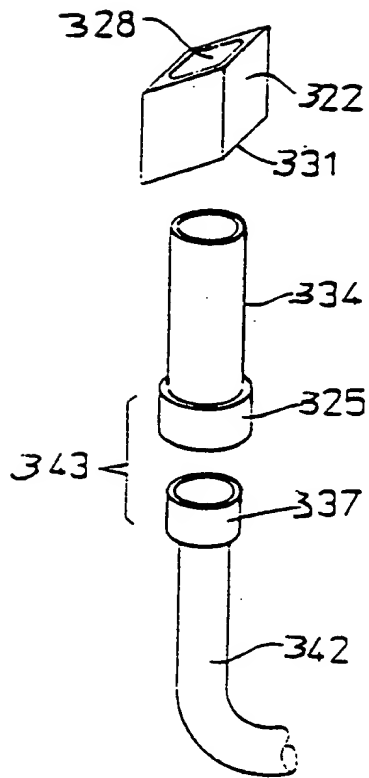


Figure 2A

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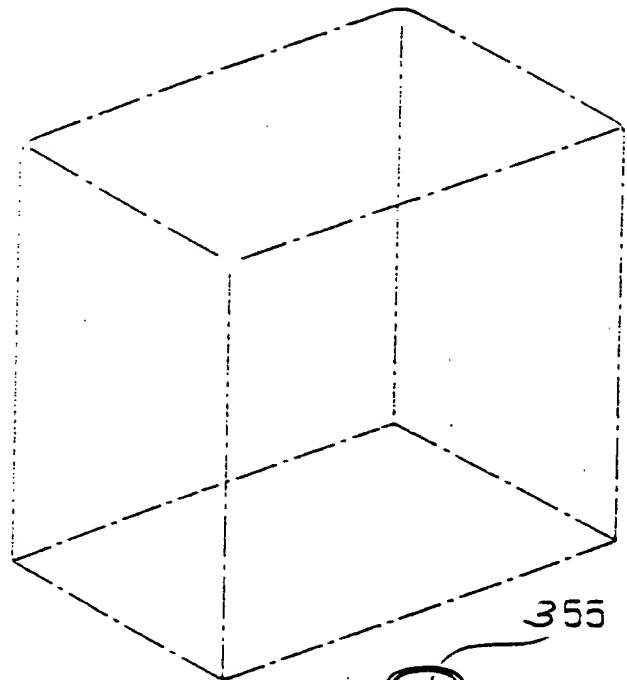


Figure 2B

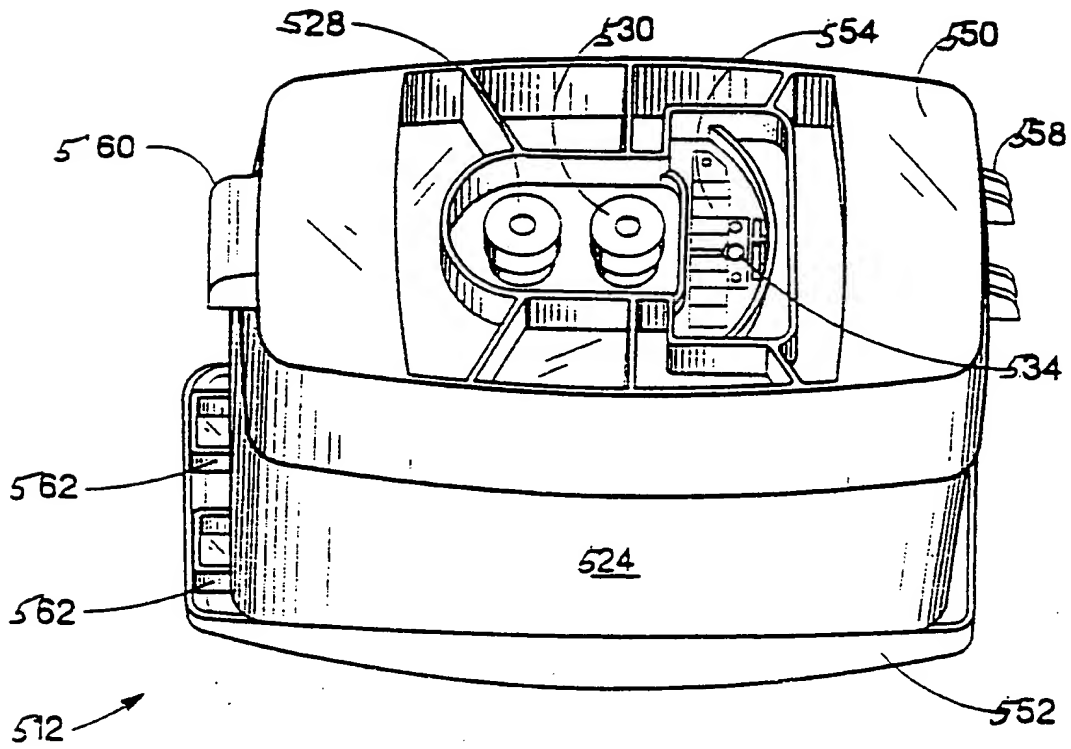


FIG. 4A

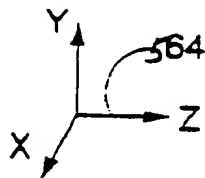
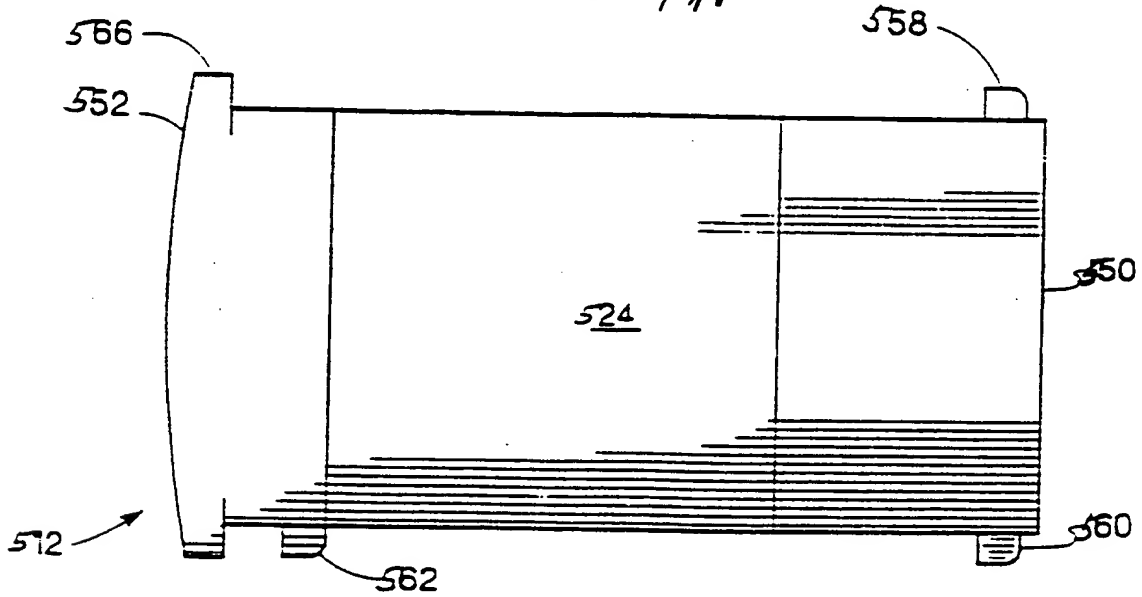


FIG. 4B

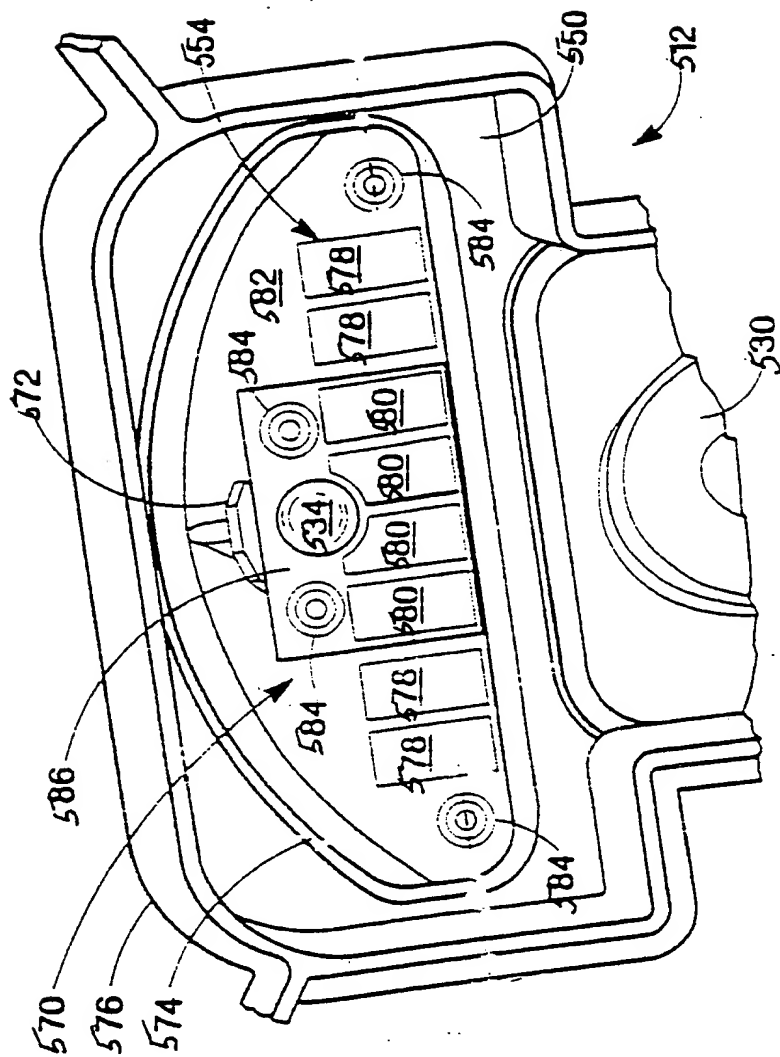


FIG. 4C

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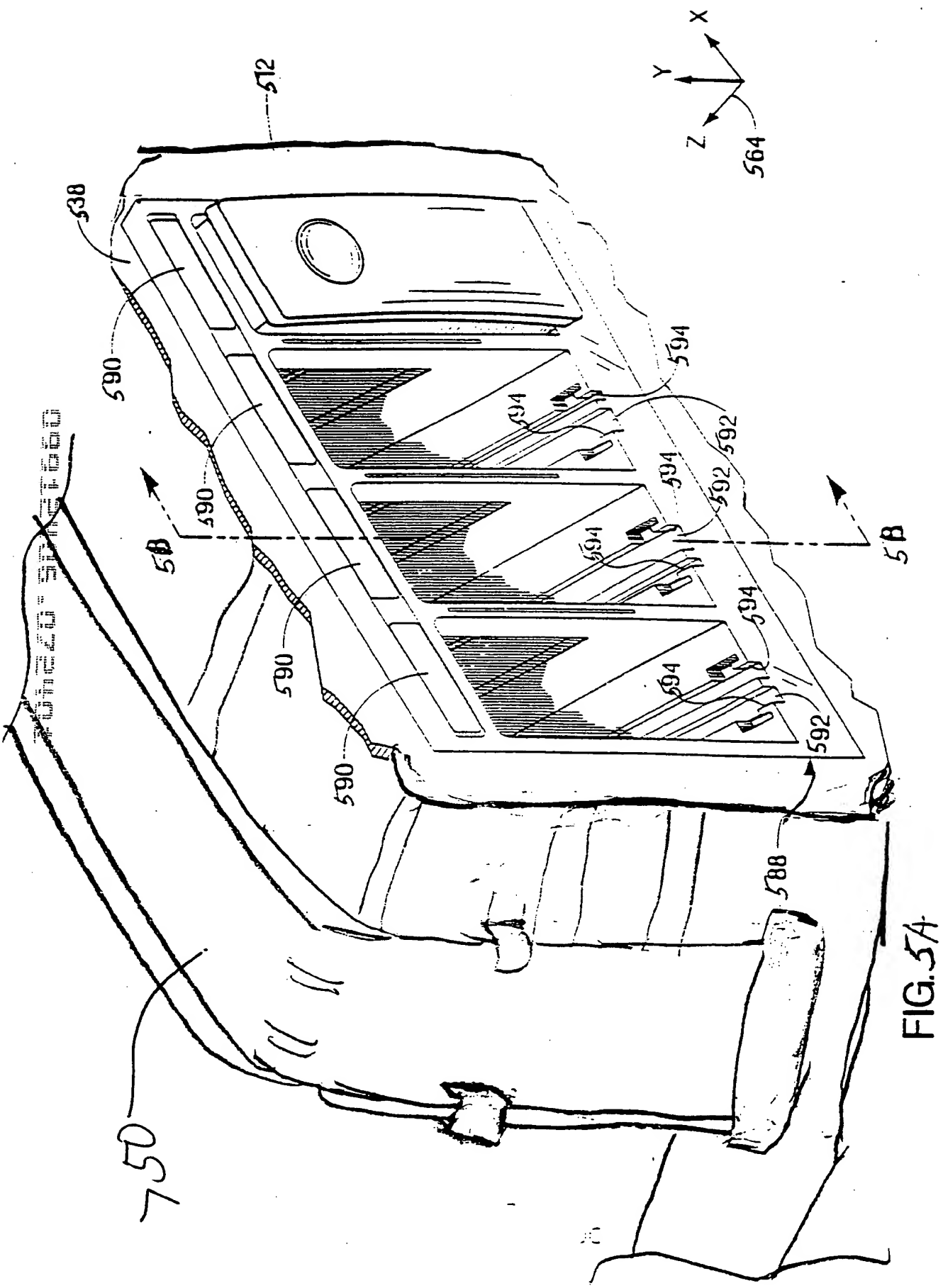
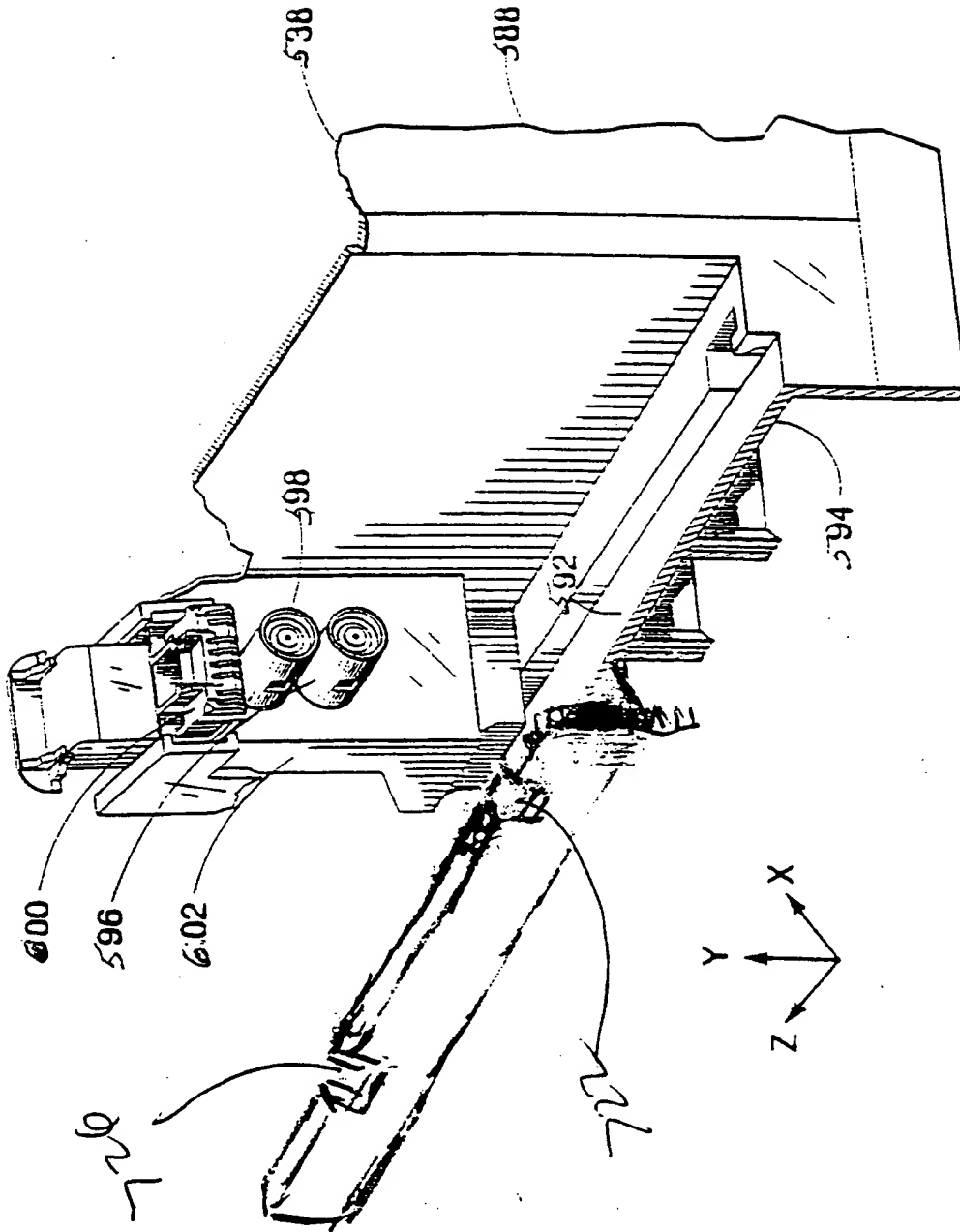


FIG. 5A

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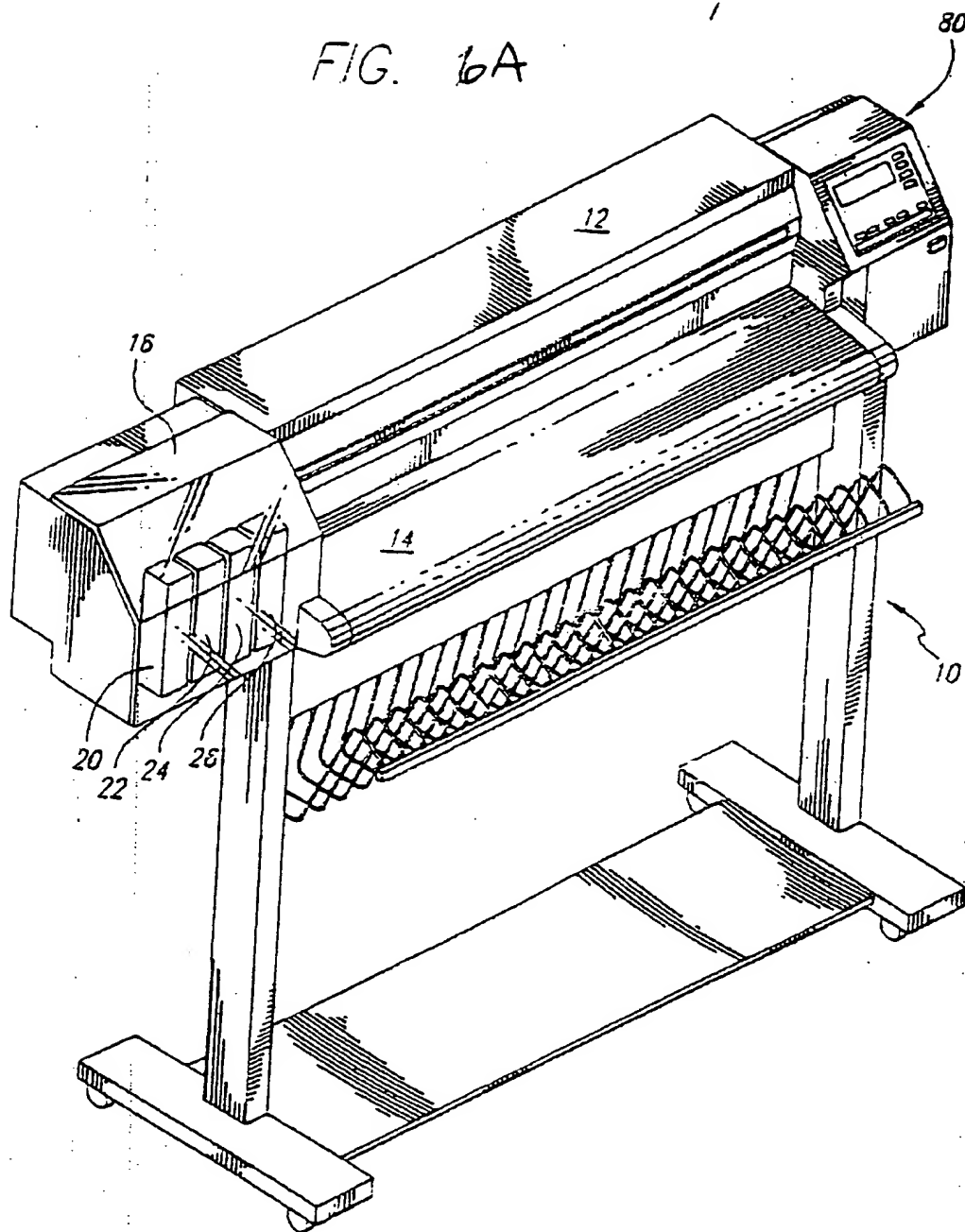


SECTION 5B--5B

FIG. 5B

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FIG. 16A



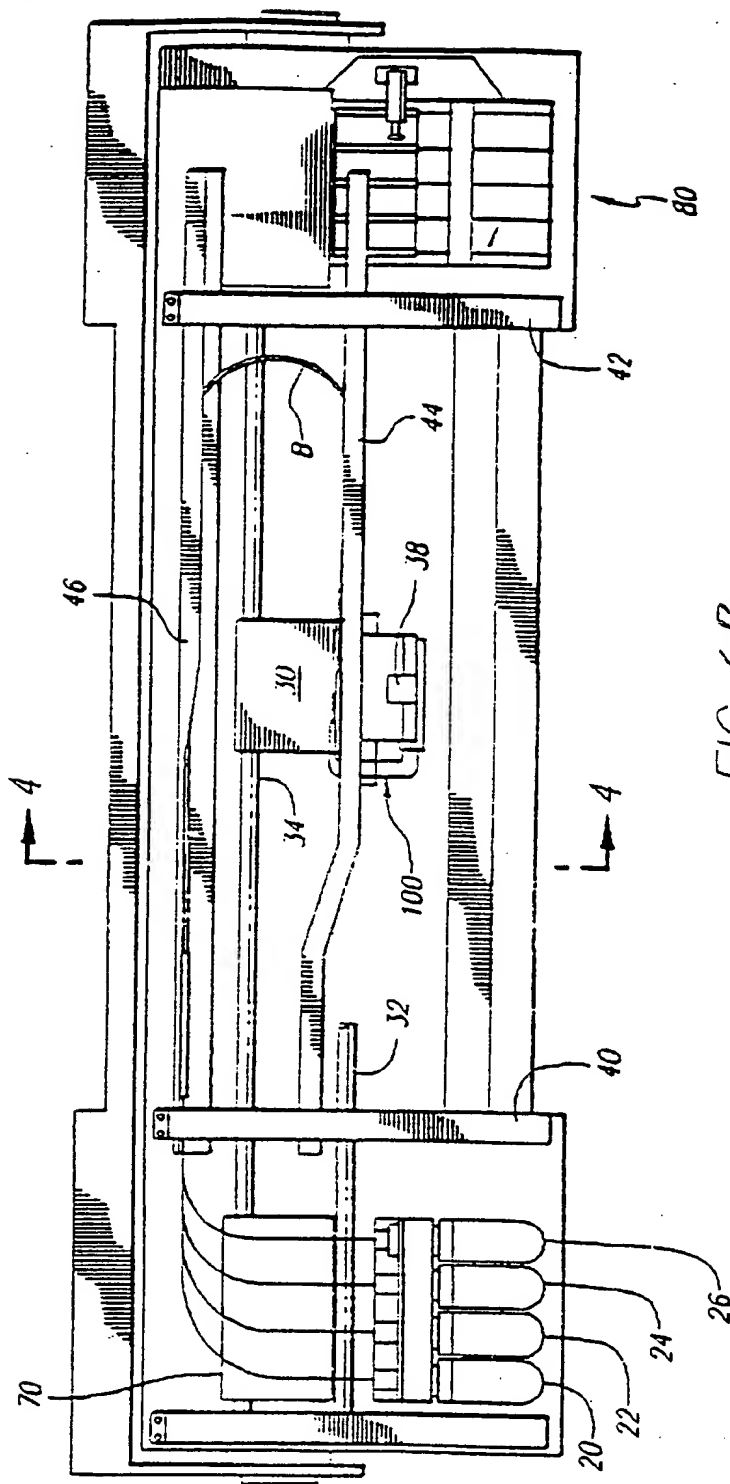
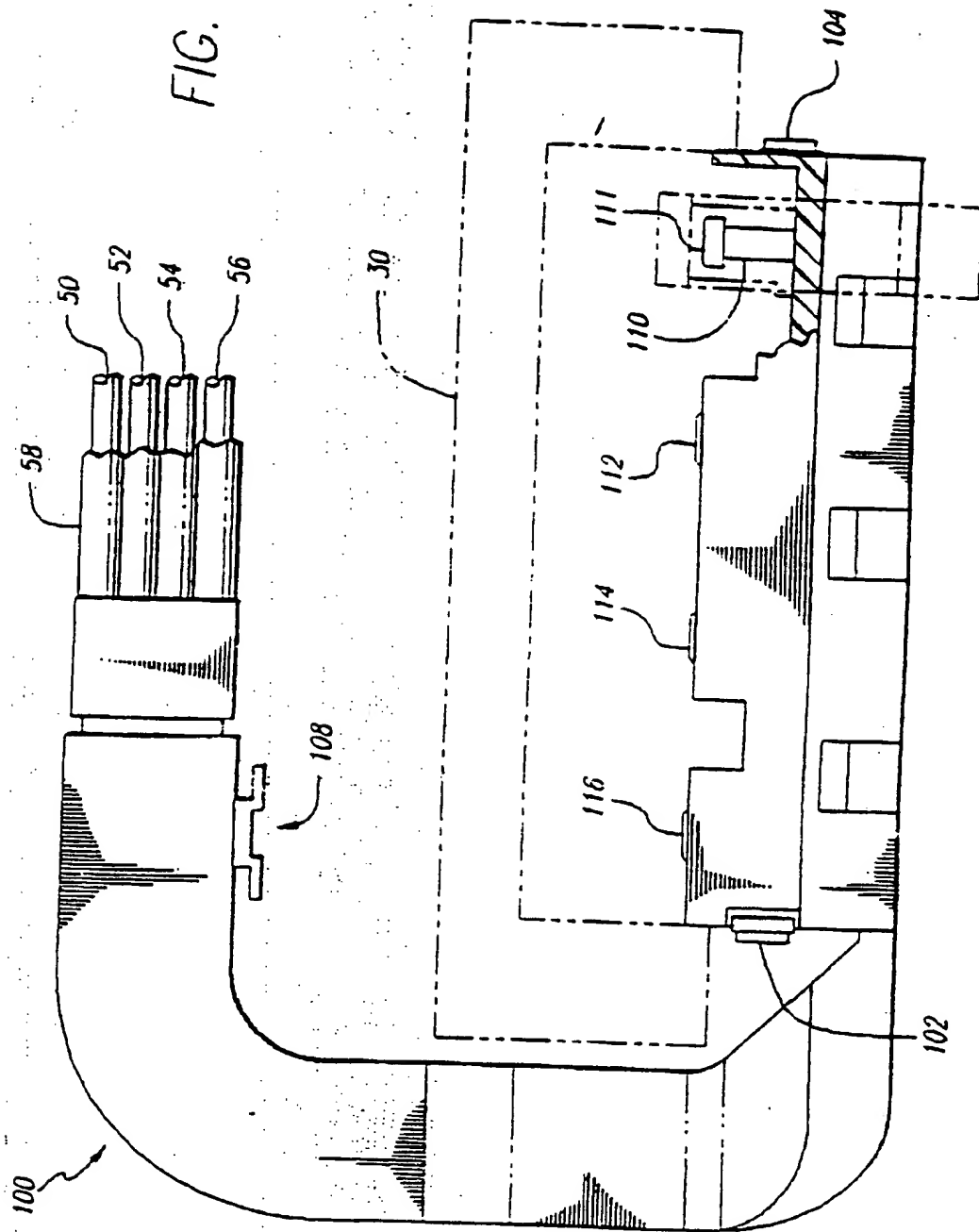
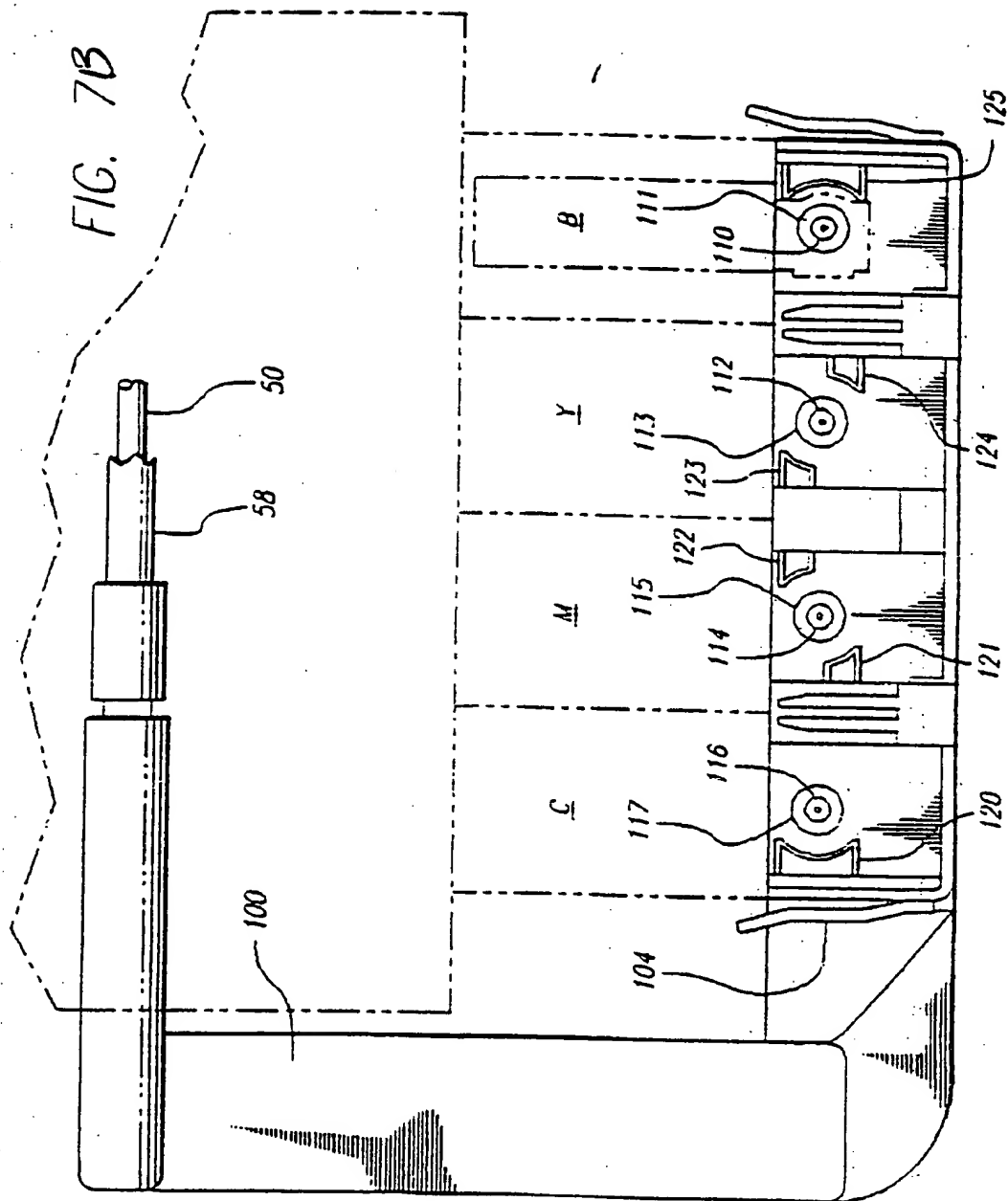


FIG. 6B

FIG. 7A





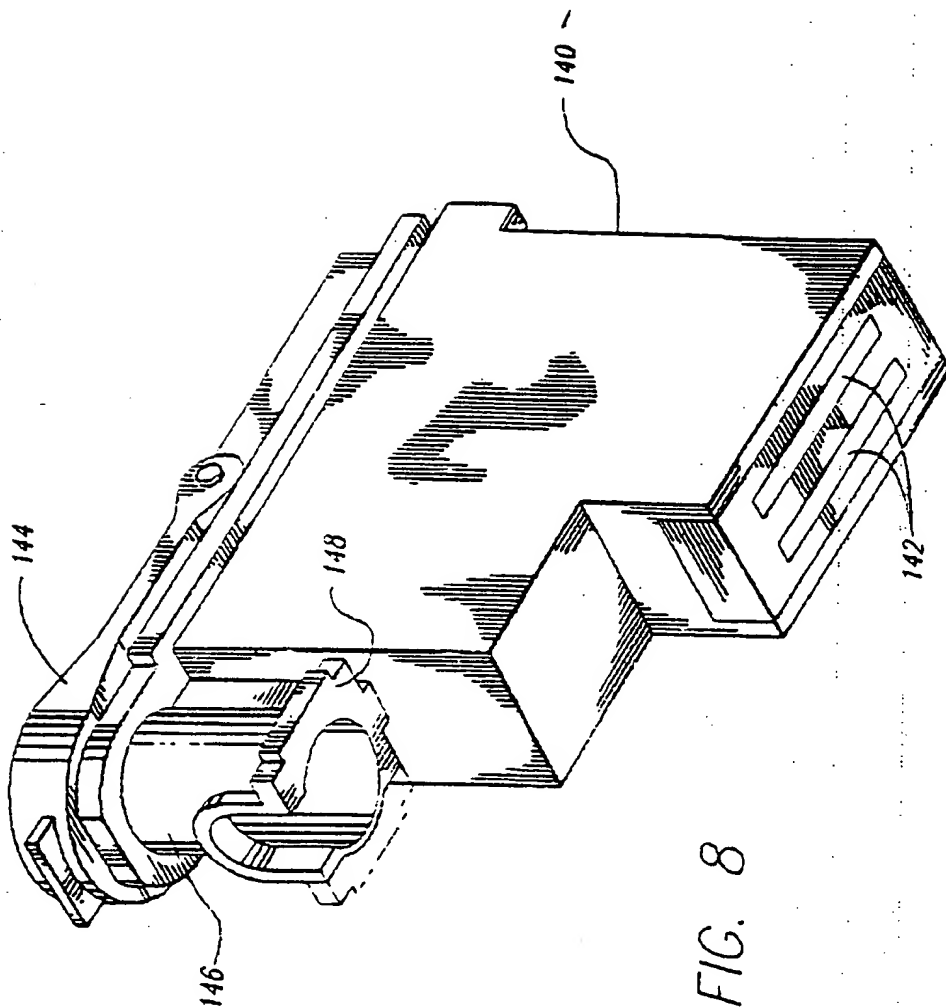
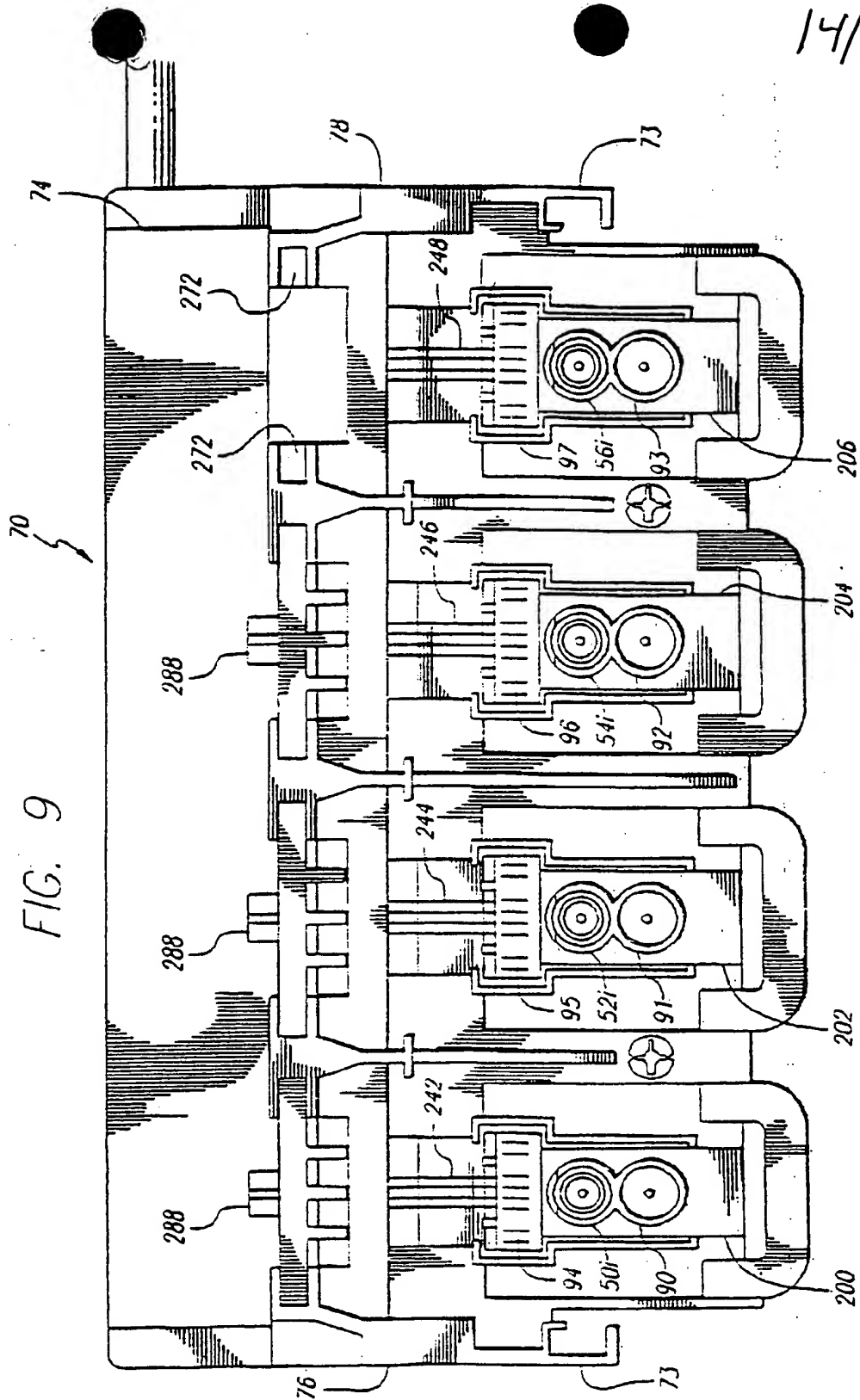


FIG. 8



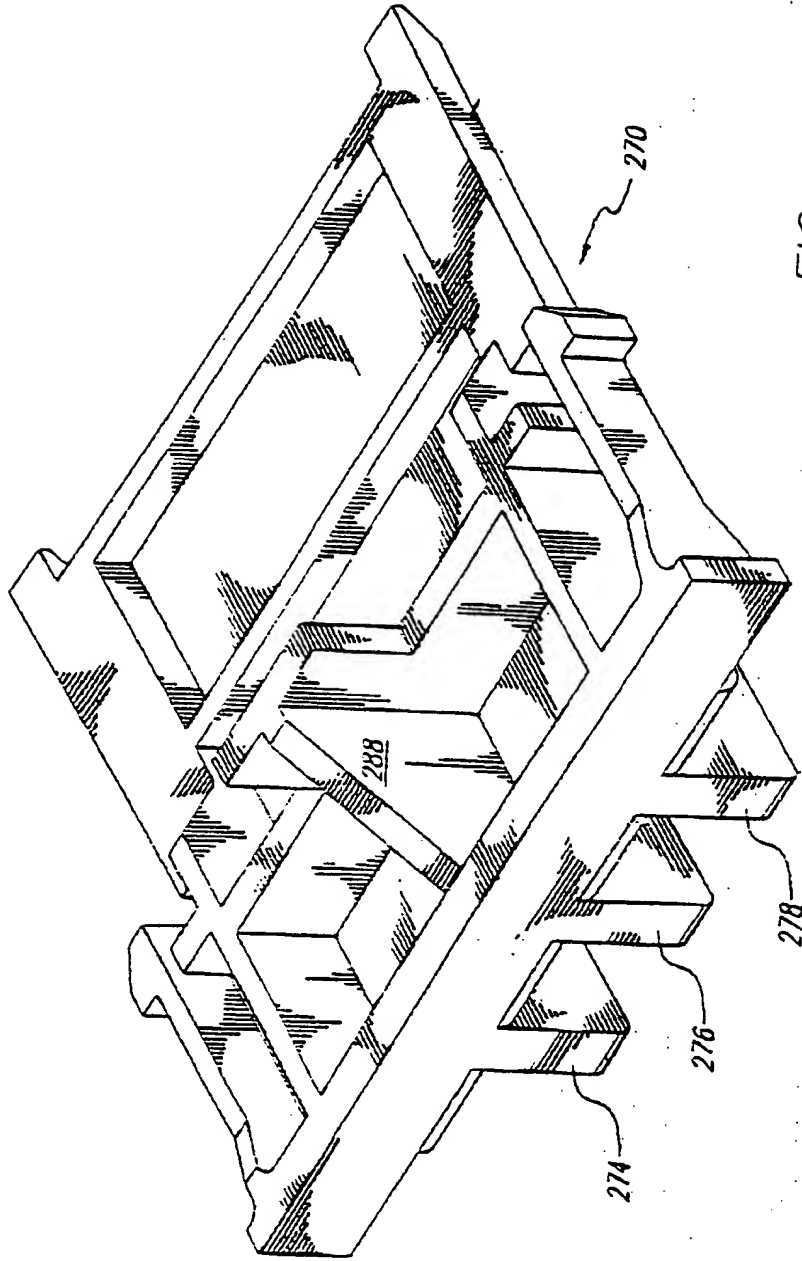
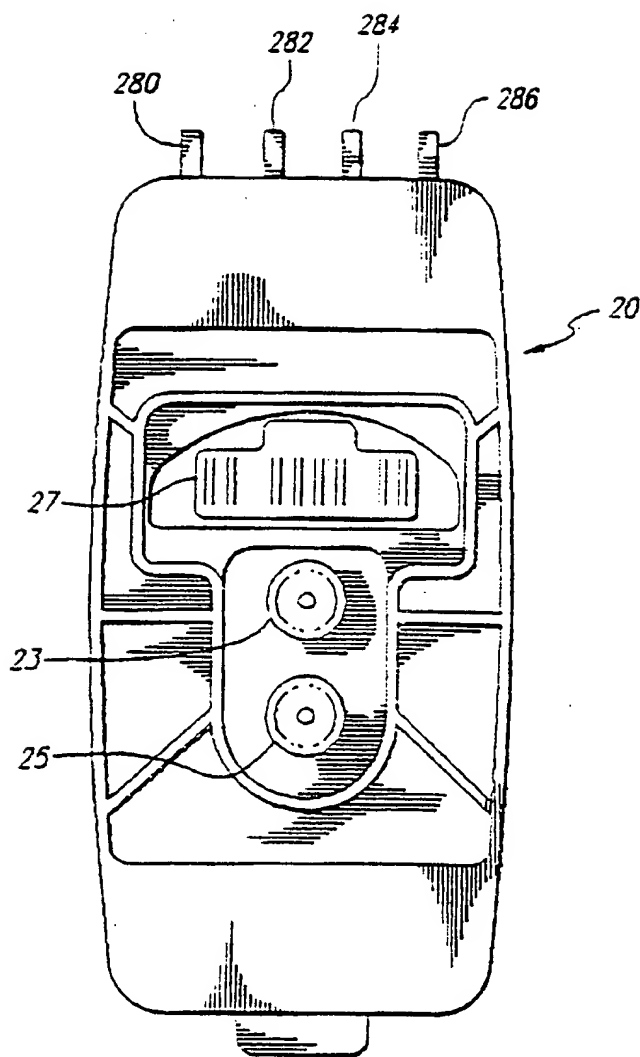
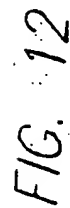


FIG. 10

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FIG. 11





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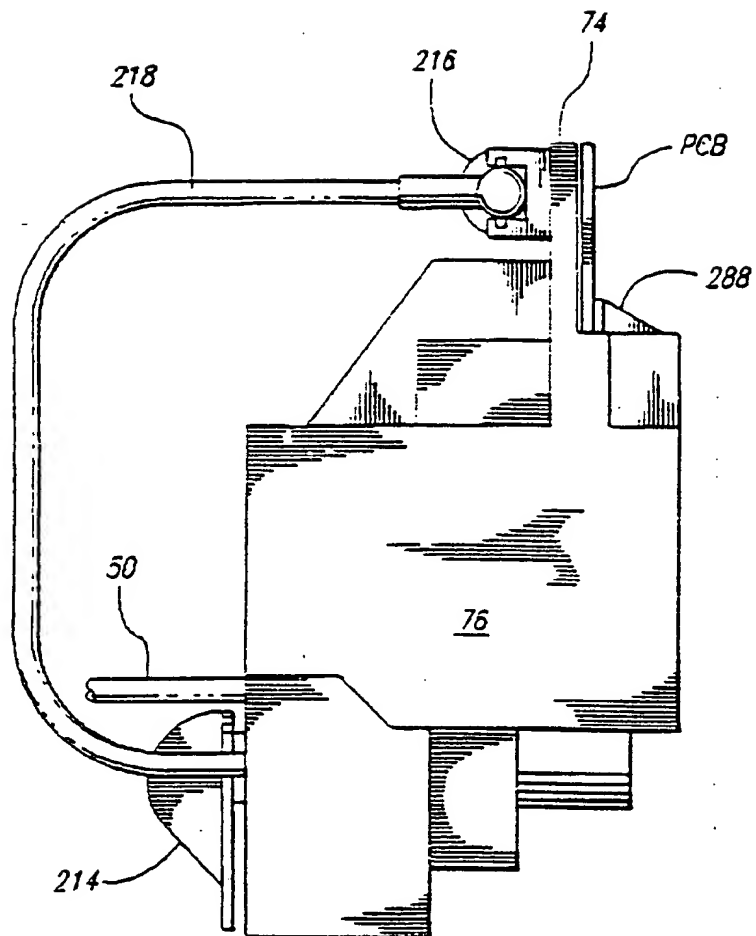
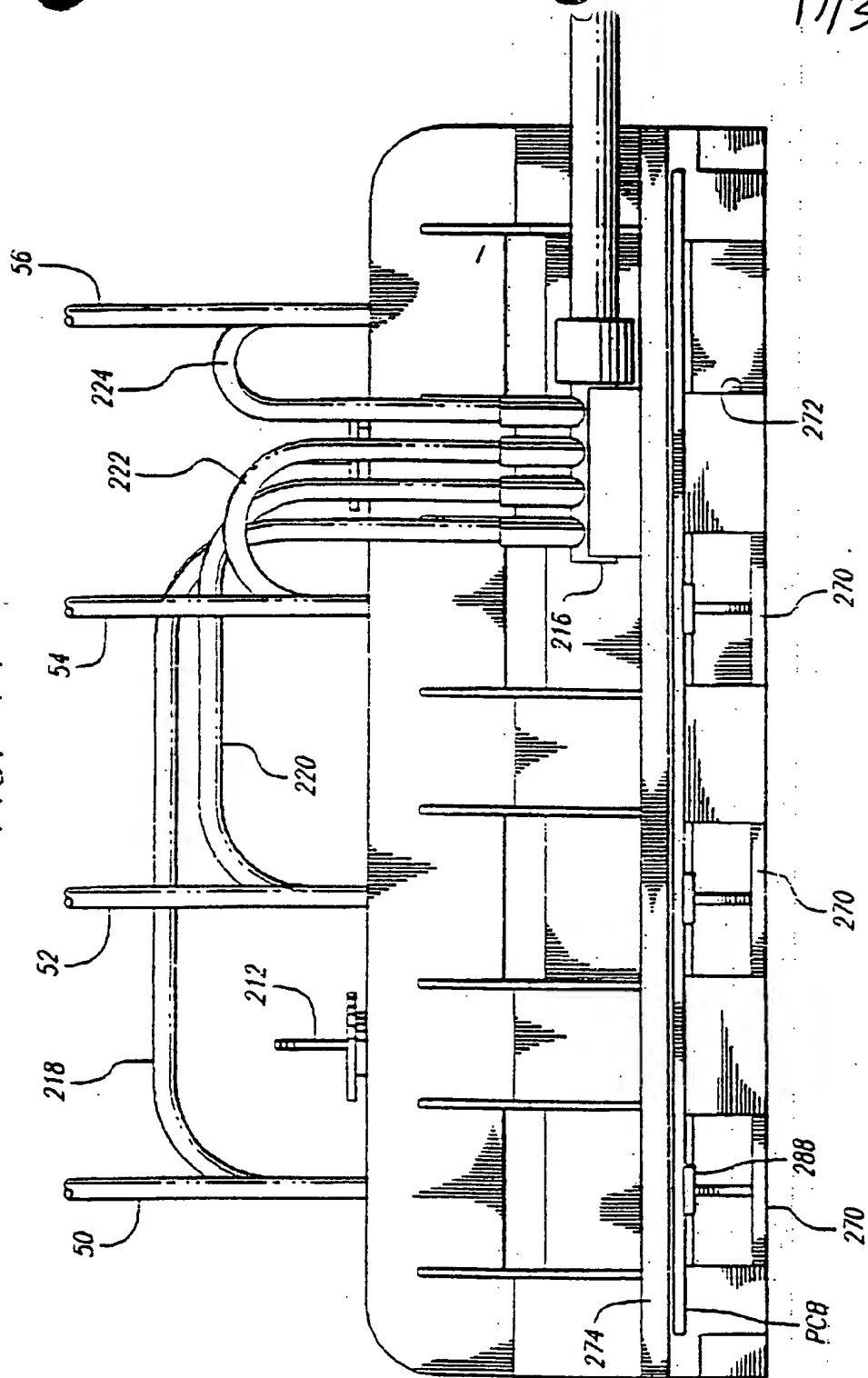


FIG. 13

FIG. 14



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FIG. 15

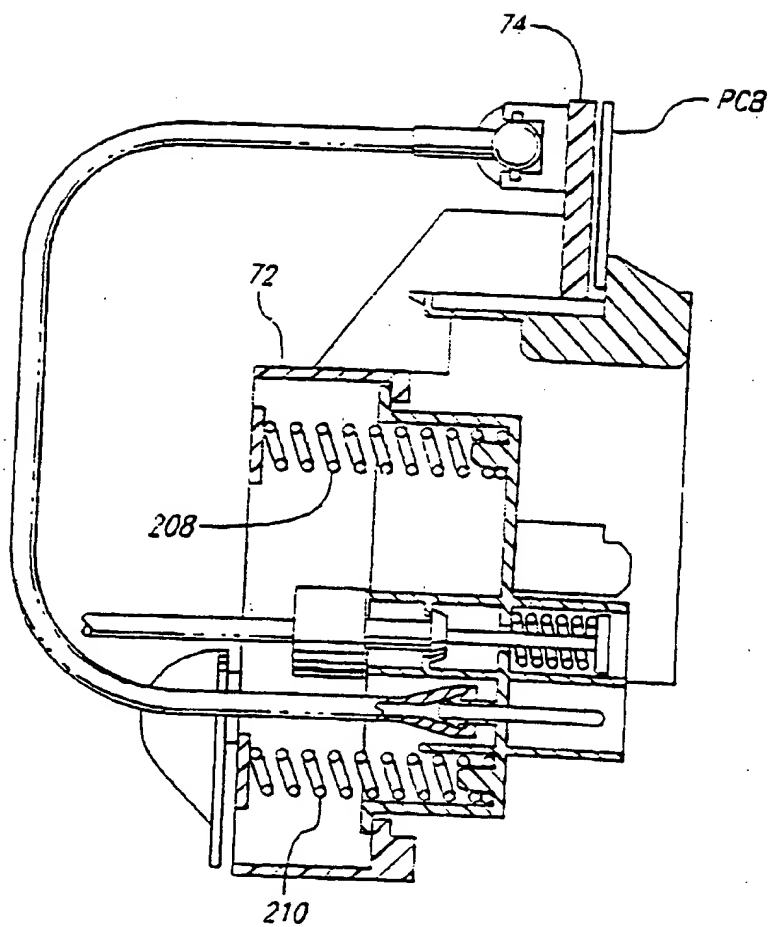


FIG. 15

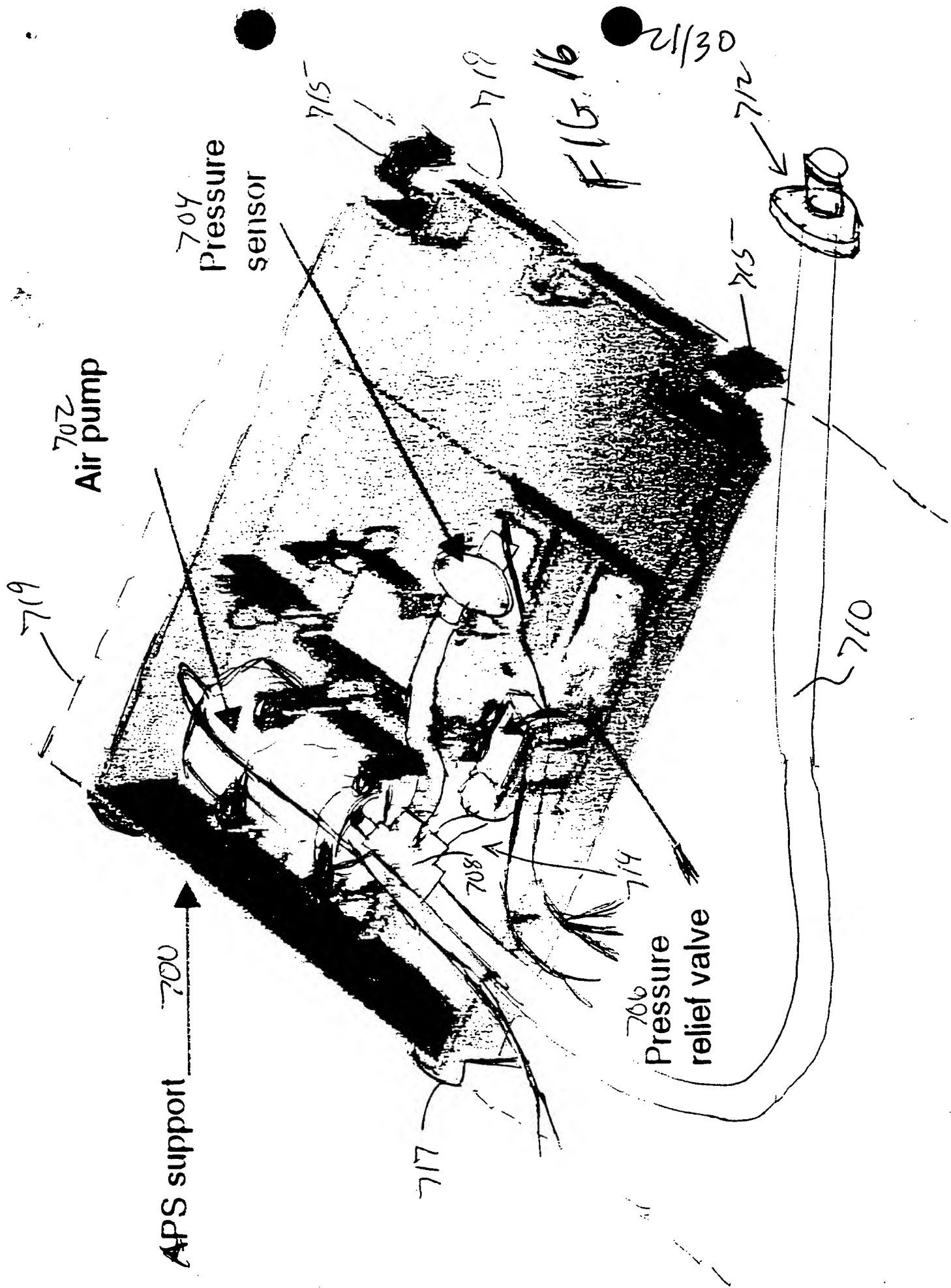


FIG. 20 SHEET 600

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FIG. 17

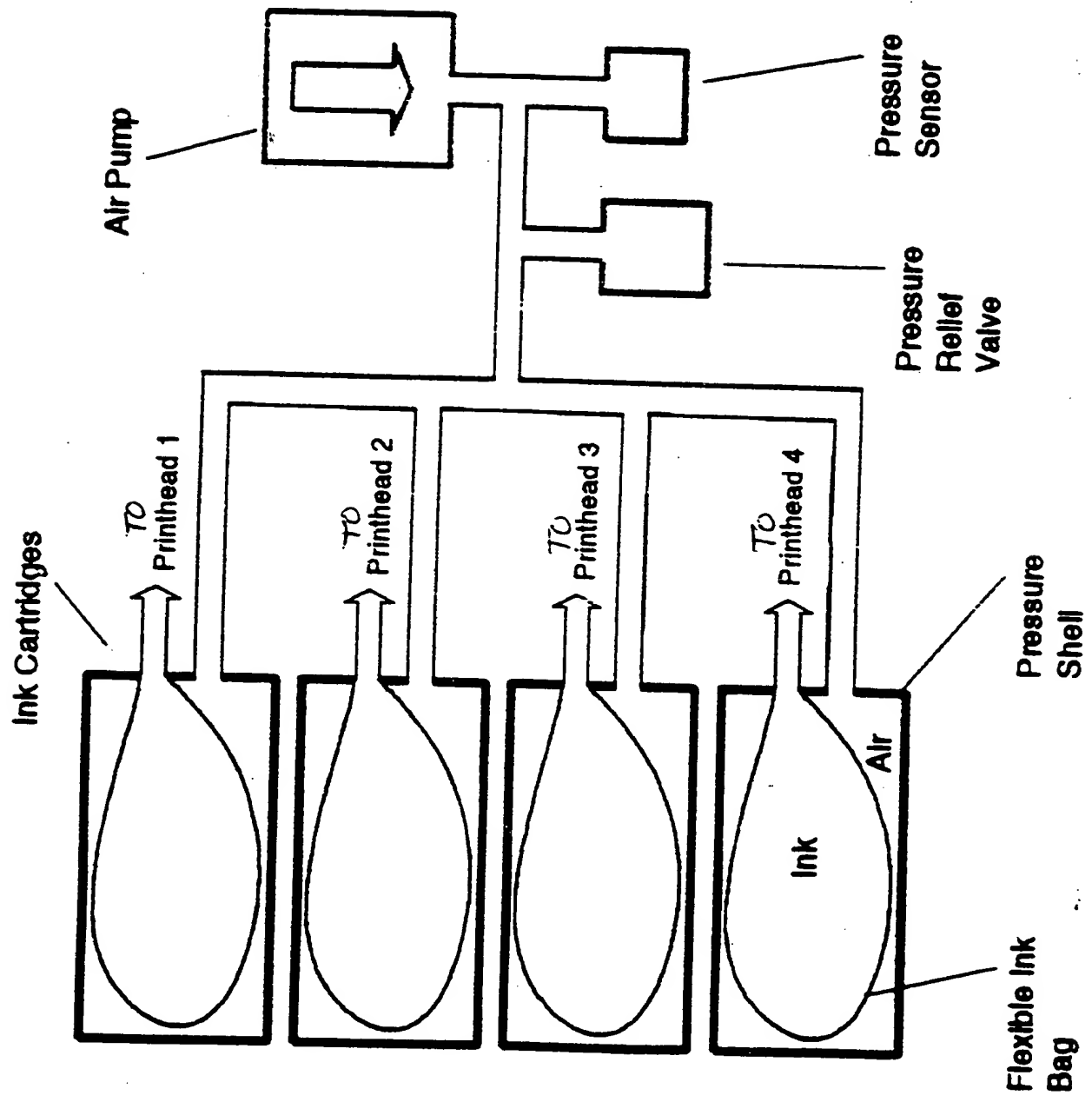


FIG. 18A

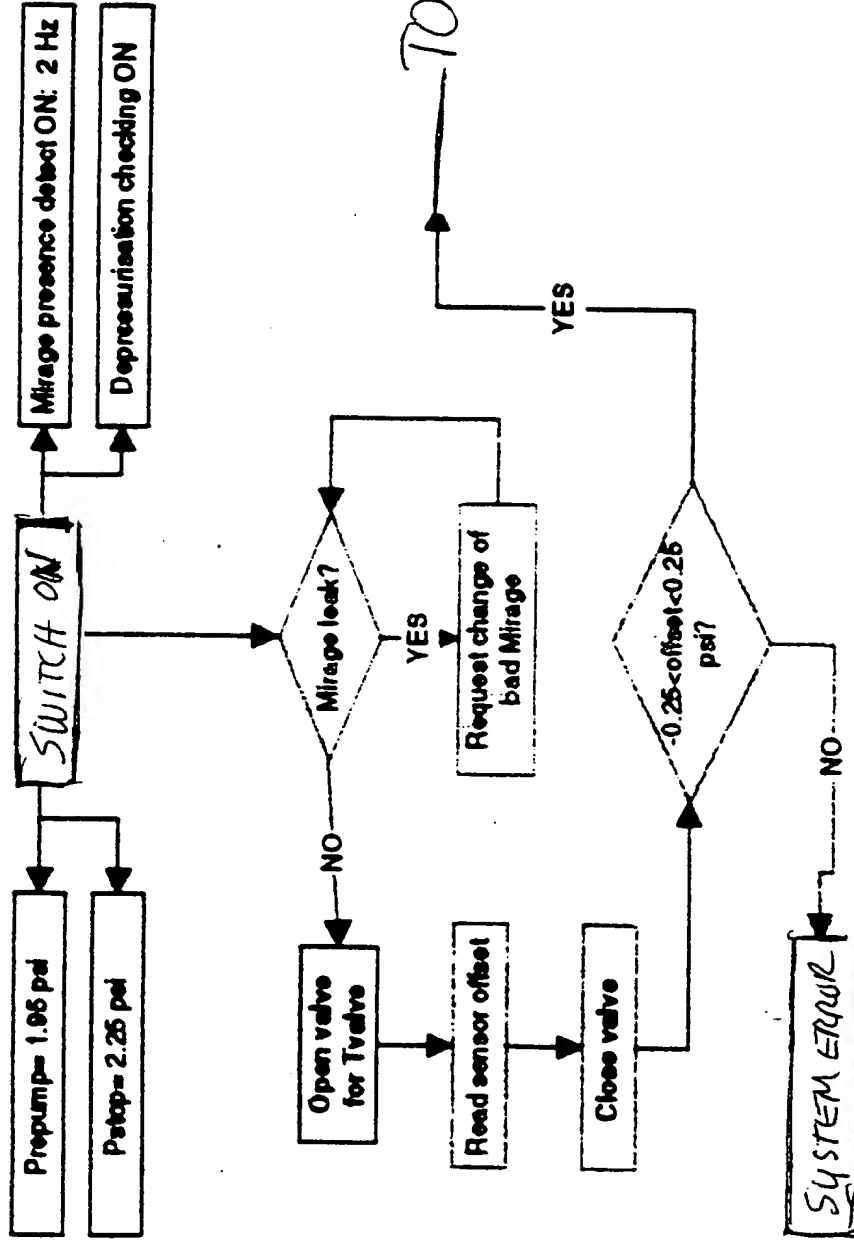
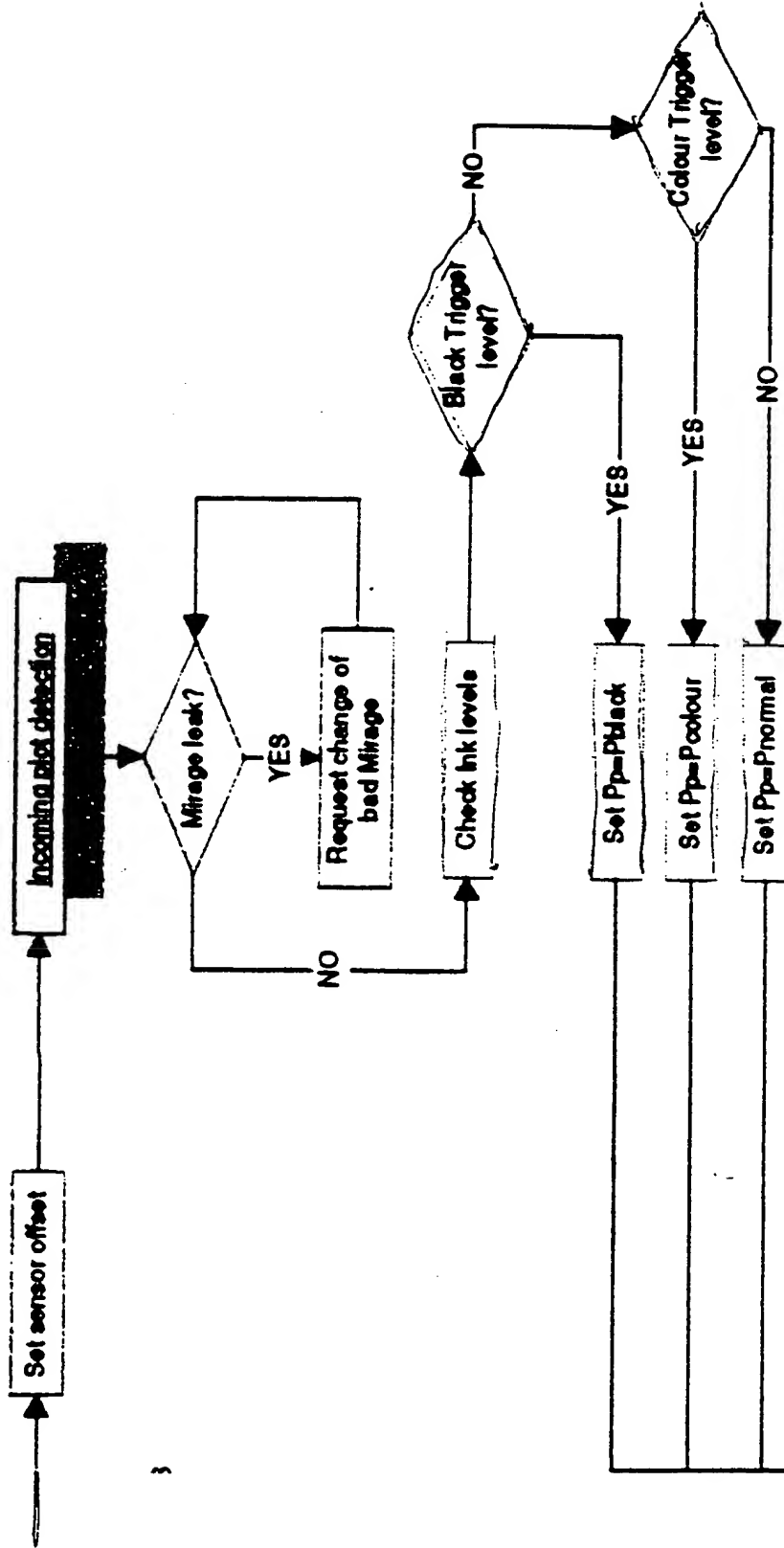


FIG. 18B

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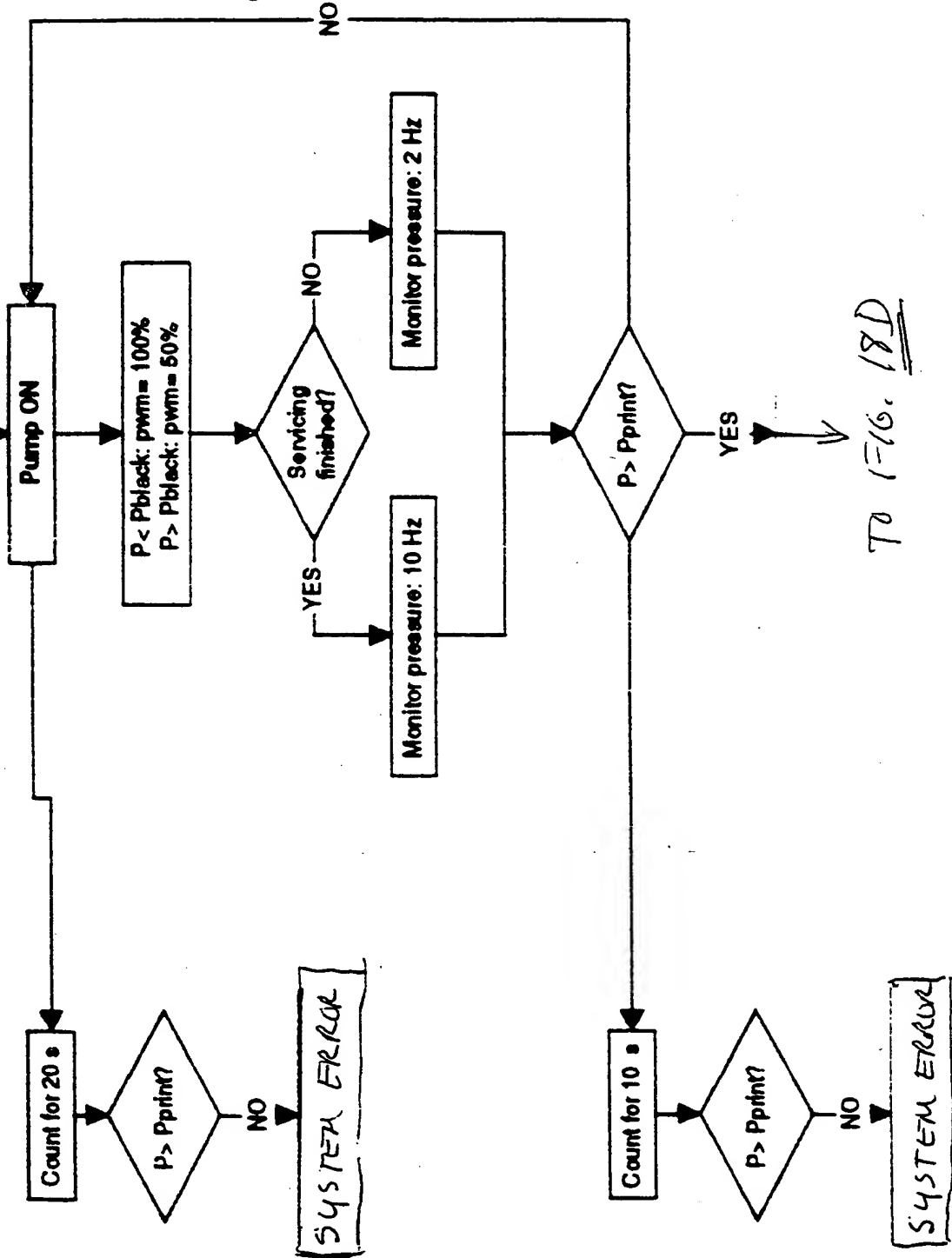
FIG. 18B

FROM
FIG.
18A



TO FIG. 18C

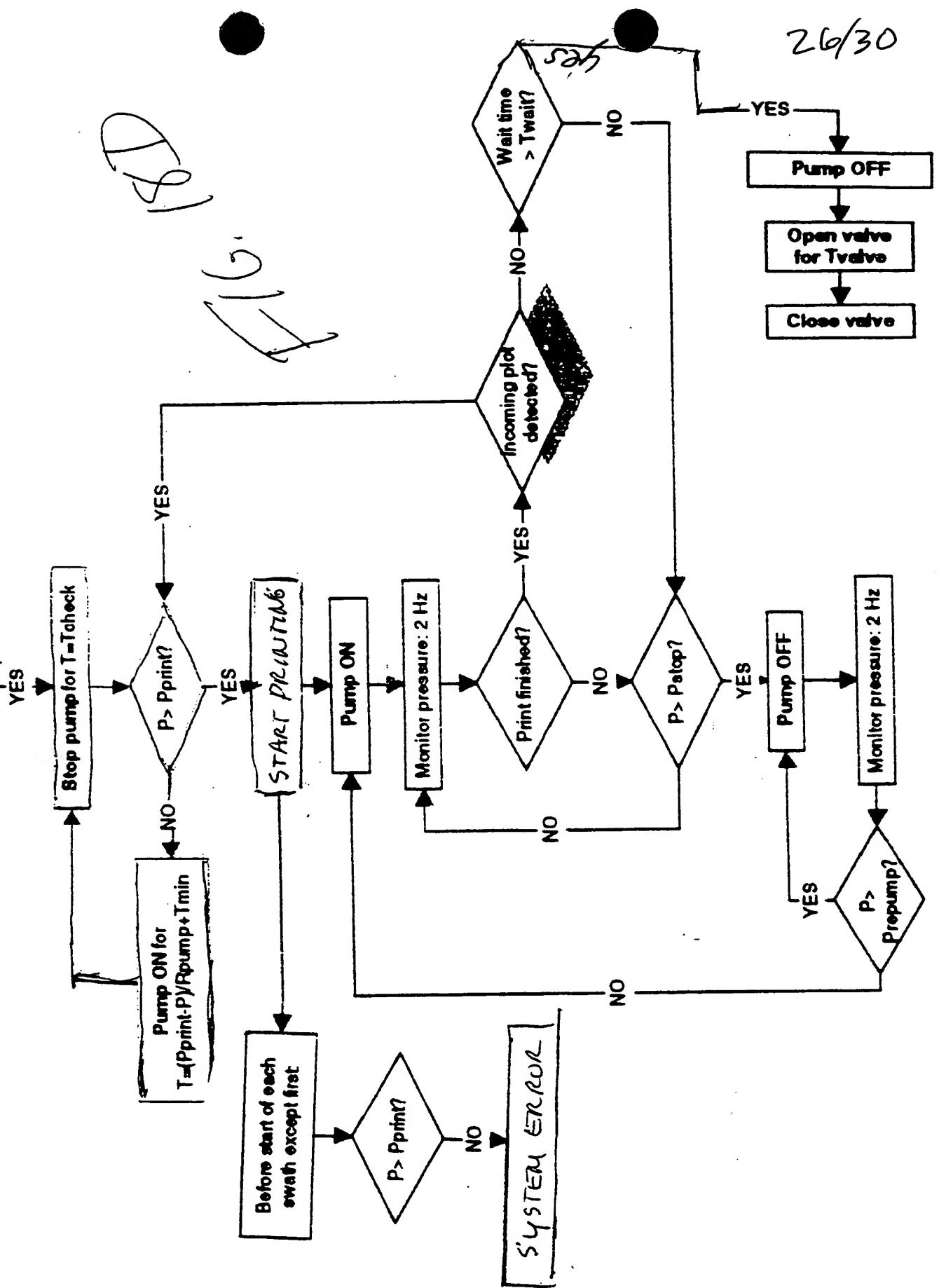
FROM FIG. 18B



TO FIG. 18D

FROM FIG. 18C

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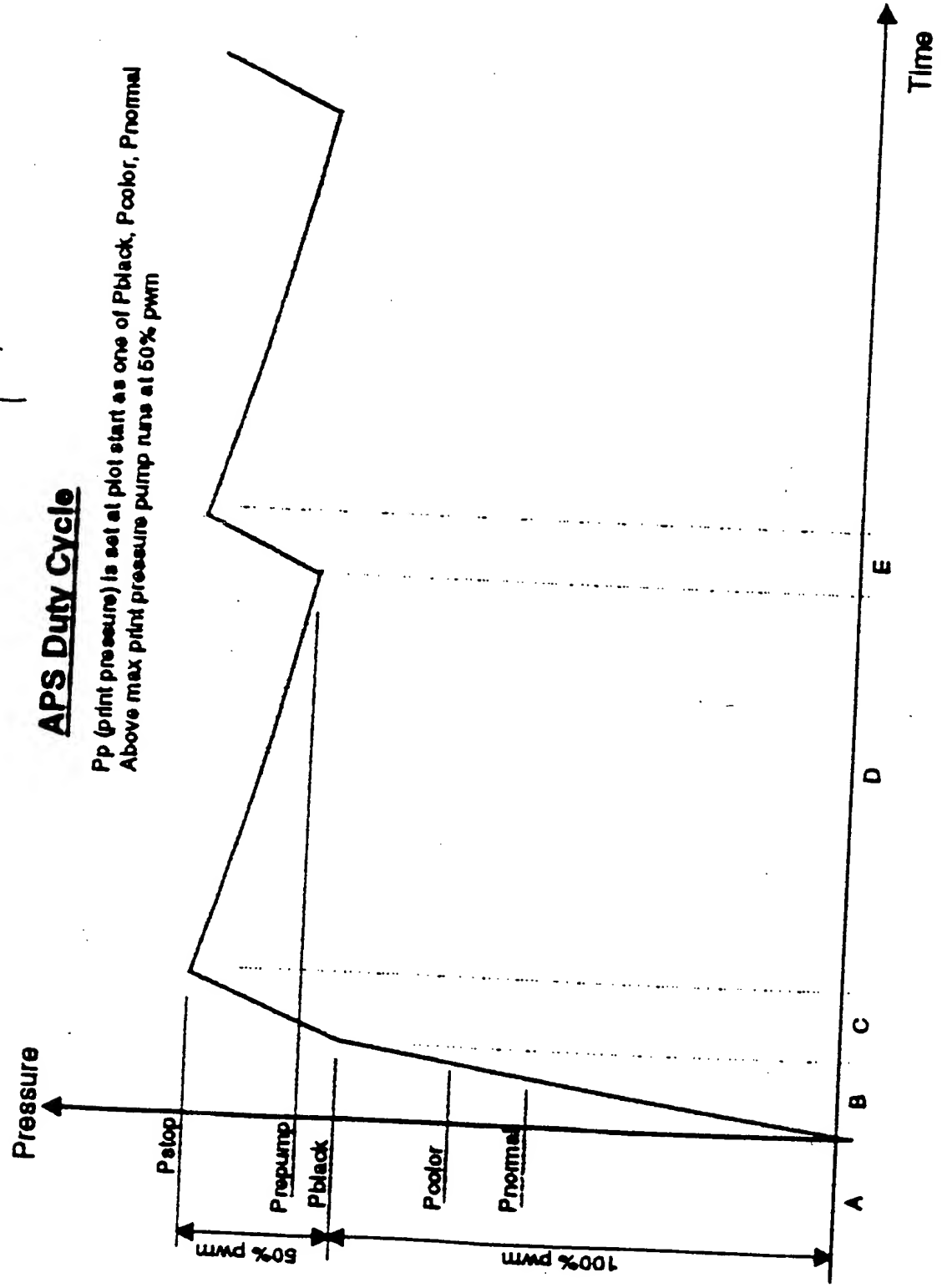
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FIGURE 20-30

FIG. 19

APS Duty Cycle

Pp (print pressure) is set at plot start as one of Pblack, Pcolor, Pnormal
Above max print pressure pump runs at 50% PWM



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FIG. 20

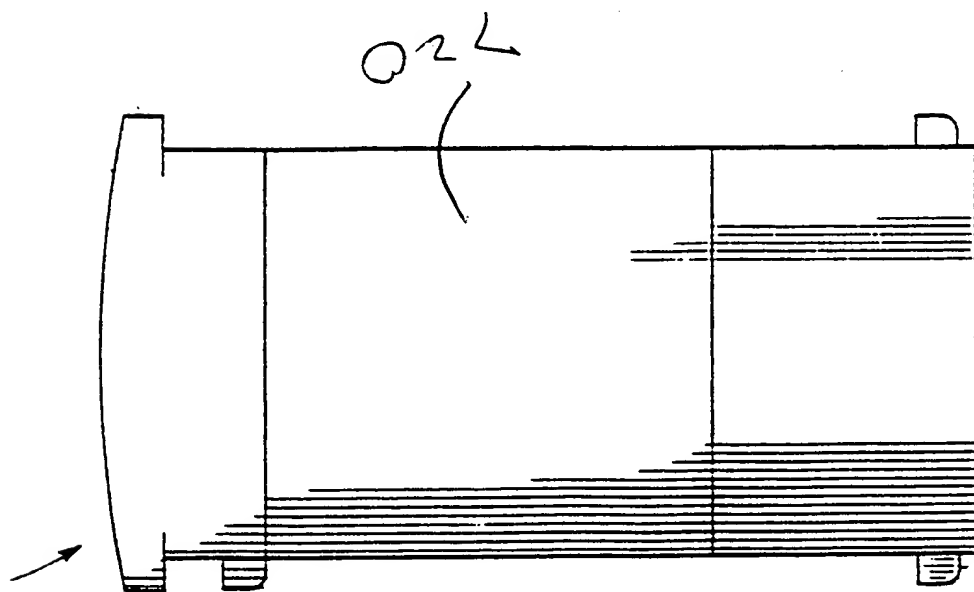
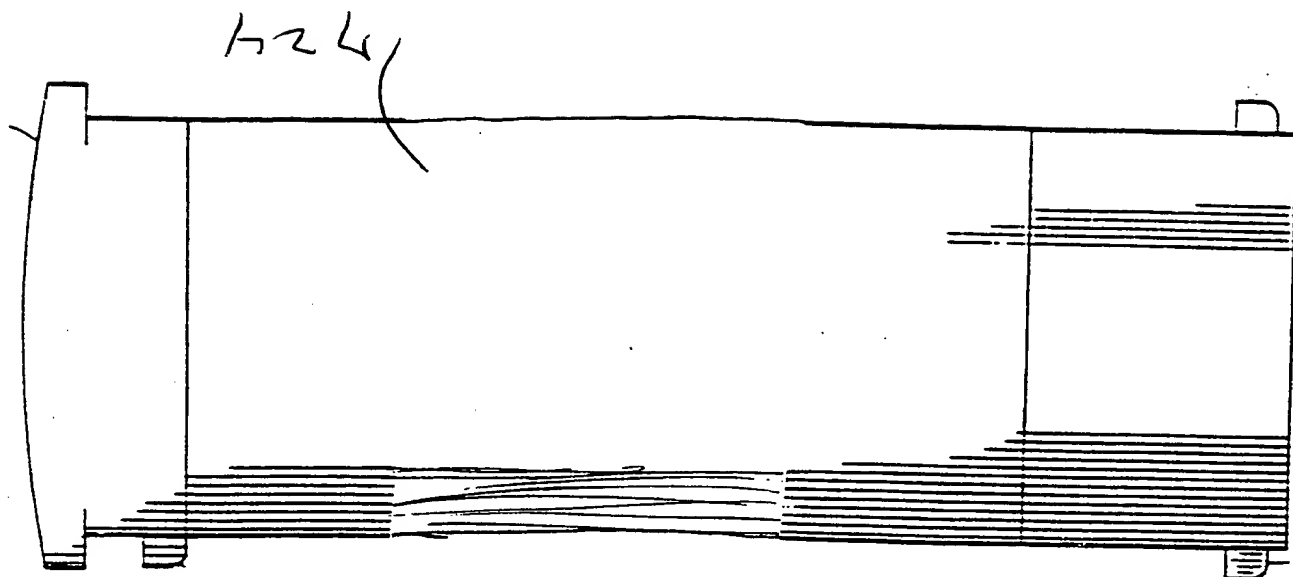


FIG. 20

FIG. 20

FIG. 22

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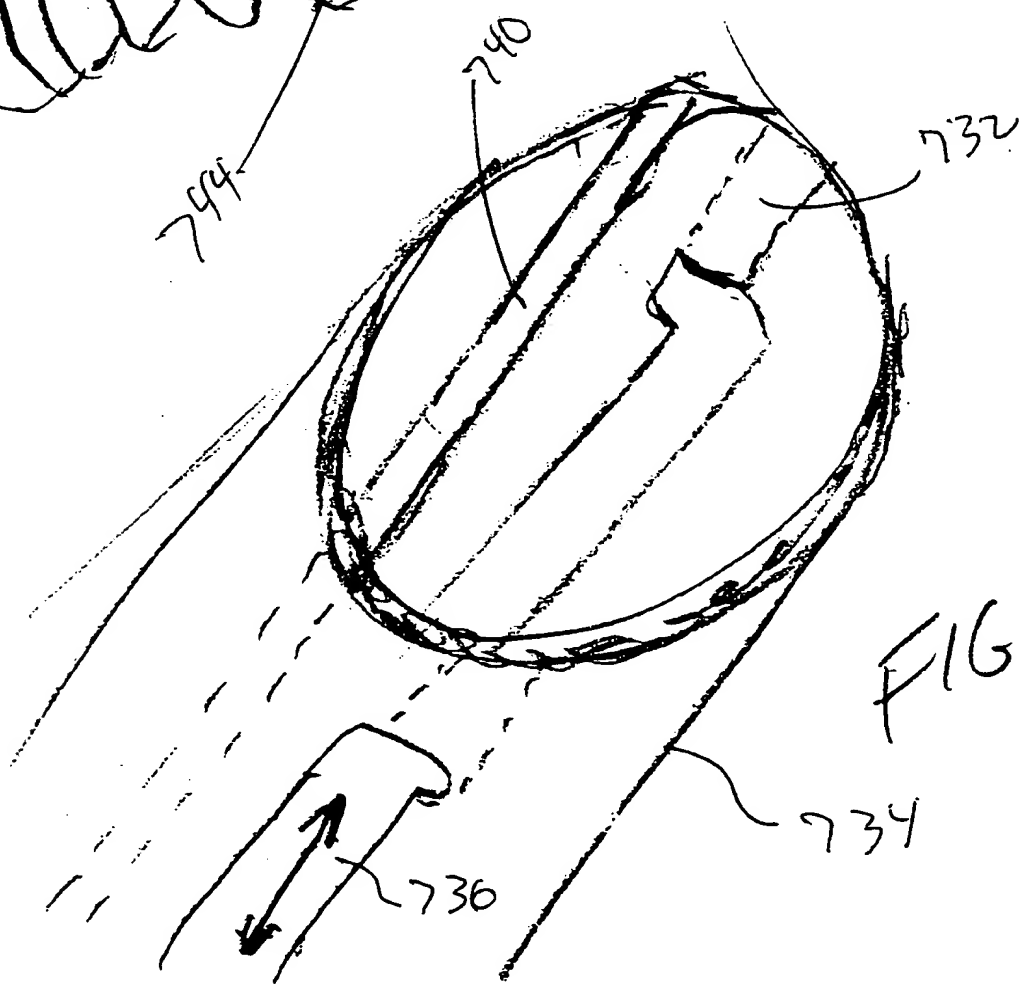
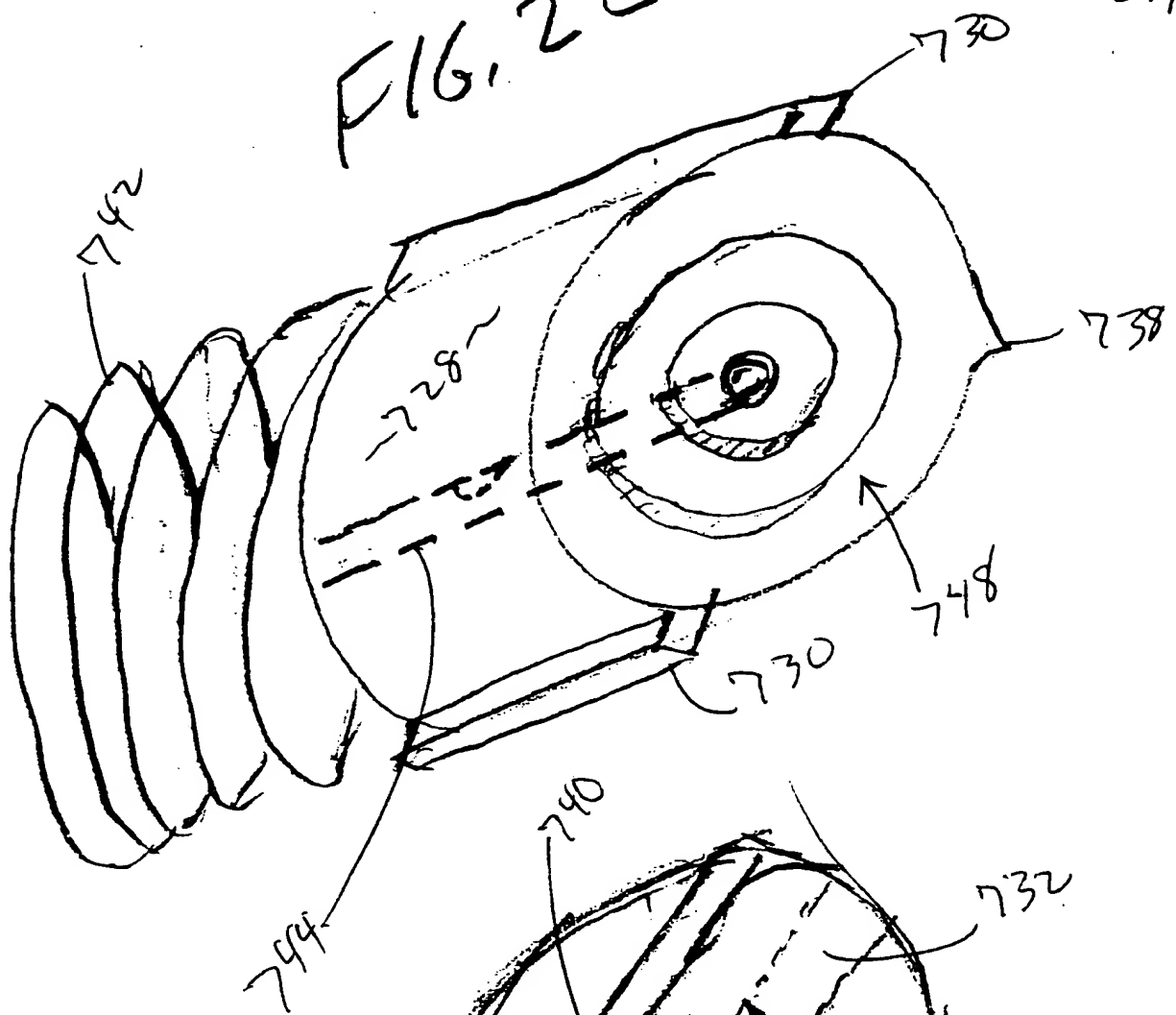


FIG. 21

FIG. 23

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OPERATING MODE	PRESSURE RELIEF VALVE	APPROXIMATE AIR PRESSURE
SYSTEM ERROR	OPEN	ZERO
NEW INK SYSTEM INSTALLED	OPEN Δ CLOSED	1.5 PSI
PRIME PRINTHEADS WITH AIRPURGE FROM INK TUBES	OPEN Δ CLOSED	2 PSI
PRIME PRINTHEADS WITH POSITIVE INK PRESSURE	OPEN	ZERO
REPLACE PRINTHEAD	OPEN	ZERO
REPLACE INK CARTRIDGE	CLOSED	2.5 PSI
NORMAL PRINTING	OPEN	ZERO
OVERNIGHT NON-USE		